

## PushPull V4 plug, RJ45, Cat.6A



Image is for illustration purposes only. Please refer to product description.

Part number	09 45 145 1521
Specification	PushPull V4 plug, RJ45, Cat.6A
HARTING eCatalogue	<a href="https://harting.com/09451451521">https://harting.com/09451451521</a>

### Identification

Category	Connectors
Series	HARTING PushPull (V4) RJ45
Element	Connector sets

### Version

Termination method	Piercing termination
Shielding	Fully shielded, 360° shielding contact
Number of contacts	8
Locking type	PushPull
Pack contents	incl. housing with RJ45 connector, shielding and cable gland

### Technical characteristics

Conductor cross-section	0.08 ... 0.22 mm <sup>2</sup>
Conductor cross-section [AWG]	AWG 28/7 ... AWG 24/7 Stranded
Wire outer diameter	≤1.05 mm
Transmission characteristics	Cat. 6A Class E <sub>A</sub> up to 500 MHz
Data rate	10 Mbit/s 100 Mbit/s 1 Gbit/s 2.5 Gbit/s 5 Gbit/s 10 Gbit/s
Tightening torque	1.3 ... 1.5 Nm
Limiting temperature	-40 ... +70 °C

## Technical characteristics

Storage temperature	+5 ... +50 °C
Mating cycles	≥750
Degree of protection acc. to IEC 60529	IP65 IP67
Cable diameter	4.5 ... 10 mm
Vibration resistance	10-500 Hz, 5 g, 0.35 mm, 2h/axis 5.72 m/s <sup>2</sup> acc. to IEC 61373 Category 1 Class B
Shock resistance	25 g / 11 ms, 3 shocks / axis and direction 5 g / 30 ms, 5 shocks / axis and direction acc. to IEC 61373 Category 1 Class B

## Material properties

Material (hood/housing)	Thermoplastic
Colour (hood/housing)	Black
Material flammability class acc. to UL 94	V-0
RoHS	compliant
ELV status	compliant
China RoHS	e
REACH Annex XVII substances	Not contained
REACH ANNEX XIV substances	Not contained
REACH SVHC substances	Yes
REACH SVHC substances	Potassium 1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulphonate
ECHA SCIP number	60b1a572-bb3f-476f-9307-b7d1688bd90c
California Proposition 65 substances	Yes
California Proposition 65 substances	Lead Nickel
Fire protection on railway vehicles	EN 45545-2 (2020-08) + A1 (2023-10)
Requirement set with Hazard Levels	R26

## Specifications and approvals

Specifications	IEC 61076-3-106 Variant 4 (V4) EN 45545-2
UL / CSA	UL 1977 ECBT2.E102079 CSA-C22.2 No. 182.3 ECBT8.E102079
Approvals	DNV GL

## Commercial data

Packaging size	10
Net weight	4.85 g
Country of origin	Romania
European customs tariff number	85366990
GTIN	5713140223745
eCl@ss	27440114 Rectangular connector (for field assembly)
ETIM	EC002636
UNSPSC 24.0	39121408